

VI. WHAT IS CLAIMED IS:

Claim 1. A utility transport comprising:

A self-propelled transport assembly, and
a receiver.

Claim 2. A utility transport according to claim 1 having attaching means to removably attach to the device which is to be moved.

Claim 3. A utility transport according to claim 2 wherein the attaching means which may be bolted to said device, and may be folded out of the way when not in use.

Claim 4. A utility transport assembly according to claim 1 which comprises at least two motor and drive wheel units, means to raise and lower the motor and drive wheel units, at least two castoring support wheels, a housing, a handle, means for controlling the assembly; a releasable hitch, and an at least two-piece articulated frame.

Claim 5. A utility transport comprising motor and drive wheel units according to claim 4 wherein each comprise a variable speed reversible electric motor and a wheel.

Claim 6. A utility transport comprising motor and drive wheel units according to claim 4 having second mounting means for mounting said assembly to a lower sub-frame assembly which can be raised and lowered.

Claim 7. A utility transport comprising according to claim 6 comprising mechanical linkage and pneumatic air bags controlled by a controller.

Claim 8. A utility transport according to claim 4 comprising two castoring support wheels which provide support for the unit when it is not moving said device.

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Claim 9. A utility transport comprising according to claim 4 comprising batteries, a battery charger, battery charger controls and indicators, an air compressor, and associated electrical wiring and pneumatic plumbing.

Claim 10. A utility transport comprising according to claim 9 which include batteries which are rechargeable.

Claim 11. A utility transport comprising according to claim 10 including charging means which may be plugged into any electrical outlet and will provide means to recharge the batteries.

Claim 12. A utility transport according to claim 9 comprising controls and indicators which allow the user to properly control the battery charger and the unit itself.

Claim 13. A utility transport comprising according to claim 9 which comprises a compressor which provides pressure to inflate said air bags sufficiently to lift one end of an object weighing up to 3,000 pounds.

Claim 14. A utility transport according to claim 9 which comprises electrical wiring and pneumatic plumbing sufficient to control operation of said assembly.

Claim 15. A utility transport according to claim 4 which comprises a handle which allows a user to move said assembly unit exclusive of its electric motors.

Claim 16. A utility transport according to claim 4 which comprises controls means which comprise at least two separate joystick units.

Claim 17. A utility transport according to claim 16 which comprises a joystick having control means to control the speed, direction, and forward or reverse motion of the unit.

Claim 18. A utility transport according to claim 17 wherein said joystick includes control means to allow very small incremental motion to properly move heavy equipment.

Claim 19. A utility transport according to Claim 18 including a second joystick unit which allows the user to move said utility transport when it is not connected to a piece of equipment.

Claim 20. A utility transport according to Claim 1 including a push button control including at least two buttons which allow for attaching and detaching the device and to cause the unit to lift one end of the device to be moved..

Claim 21. A utility transport according to claim 4 including a releasable hitch which provides means to pull or push said device by means of said receiver.

Claim 22. A utility transport according to claim 4 including a releasable hitch which, once closed, prevents said receiver from coming detached.

Claim 23. A utility transport comprising according to claim 4 including A two-piece articulated frame which comprises a vertical frame and a lower frame.

Claim 24. A utility transport according to claim 4 which comprises a vertical frame which provides means for mounting all components.

Claim 25. A utility transport comprising according to claim 23 including a lower frame which is free to move up and down on said vertical frame in order to lift said assembly.